| Project Title   | Funding   | Strategic Plan Objective | Institution   |
|---|-----------|--------------------------|---|
| Cellular and Synaptic Dissection of the Neuronal Circuits of Social and Autistic Behavior   | \$30,000  | Q3.S.K                   | University of Coimbra   |
| Modeling gut microbial ecology and metabolism in autism using an innovative ex vivo approach  | \$0       | Q3.S.I                   | University of Guelph  |
| Prenatal antidepressants and autism spectrum disorder   | \$0       | Q3.L.C                   | Cincinnati Children's Hospital                                |
| PLACENTAL IDENTIFICATION AND IMMUNE<br>QUANTIFICATION OF ACUTE AND/OR CHRONIC<br>INFLAMMATION IN CHILDREN DIAGNOSED WITH<br>PLACENTAL AUTISM IN UNIVERSITY AND<br>COMMUNITY HOSPITALS | \$0       | Q3.L.C                   | Institute for Basic Research in Developmental Disabilities    |
| Prenatal Polyunsaturated Fatty Acid Levels and Risk of Autism Spectrum Disorders  | \$518,857 | Q3.S.H                   | Drexel University   |
| Grandparental Exposures and Risk of Autism in the Third Generation  | \$375,781 | Q3.L.D                   | Public Health Institute, Oakland, CA                          |
| Role of the Intestinal Microbiome in Children with Autism   | \$25,000  | Q3.S.I                   | Massachusetts General Hospital                                |
| Detection of clostridium perfringens toxins in the gut flora of autistic children   | \$25,000  | Q3.S.I                   | VA Medical Center, Los Angeles                                |
| Elevated urinary p-cresol in small autistic children: causes and consequences   | \$0       | Q3.S.I                   | Universita Campus Bio-Medico di Roma                          |
| The impact of maternal inflammation during pregnancy on placental tryptophan metabolism, and the downstream consequences on fetal brain development                                   | \$0       | Q3.S.F                   | University of Southern California                             |
| Parental Exposures to Occupational Asthmagens and Risk of Autism Spectrum Disorders   | \$0       | Q3.S.H                   | Johns Hopkins University                                      |
| Prenatal Androgen in Meconium and Early Autism<br>Spectrum Disorder Related Neurodevelopmental<br>Outcomes  | \$0       | Q3.S.H                   | Drexel University   |
| Investigation of Transgenerational Neurodevelopmental Impacts of Gestational Pharmaceuticals  | \$0       | Q3.S.H                   | Institute of Preventive Medicine at Frederiksberg<br>Hospital |
| Prenatal PBDE exposure and ASD-related developmental outcomes in the EARLI cohort   | \$0       | Q3.L.C                   | Drexel University   |
| Community-based study of autism spectrum disorders among 7-9 y old children in rural Bangladesh   | \$0       | Q3.L.D                   | Johns Hopkins University                                      |
| Determining a potential causal link between the human microbiome and autism symptoms  | \$59,700  | Q3.S.K                   | California Institute of Technology                            |
| Very early behavioral indicators of ASD risk among NICU infants: A prospective study  | \$0       | Q3.S.H                   | Institute for Basic Research in Developmental Disabilities    |
| Dissemination of Early Life Exposure Assessment Tool (ELEAT)  | \$58,478  | Q3.Other                 | University of California, Davis                               |
| Improving Environmental Risk Communication in Autism Spectrum Disorders   | \$34,424  | Q3.Other                 | Drexel University   |
| Study of Probiotics for Quality of Life through GI and Emotional Stability in Youth with ASD and Anxiety  | \$67,298  | Q3.S.I                   | The Ohio State University                                     |
| A Prospective Birth Cohort Study on Pre- and Peri-natal Determinants of Autism Spectrum Disorders and Developmental Disabilities  | \$499,997 | Q3.S.H                   | Johns Hopkins University                                      |

| Project Title  | Funding   | Strategic Plan Objective | Institution                              |
|--|-----------|--------------------------|--|
| Developmental Exposures to Inhaled Air Pollution and the Autism Phenotype in Mice  | \$442,857 | Q3.S.K                   | University of Rochester                  |
| Investigating the Gut Microbiome for Novel Therapies and Diagnostics for Autism  | \$558,136 | Q3.S.I                   | CALIFORNIA INSTITUTE OF TECHNOLOGY       |
| Prospective Evaluation of Air Pollution, Cognition, and Autism from Birth Onward   | \$582,831 | Q3.S.H                   | Johns Hopkins University                 |
| Epidemiological Research on Autism in Jamaica - Phase II   | \$562,960 | Q3.S.H                   | UNIVERSITY OF TEXAS HLTH SCI CTR HOUSTON |
| Prenatal factors and risk of autism in a Finnish national birth cohort   | \$538,035 | Q3.S.H                   | Columbia University                      |
| In utero antidepressant exposures and risk for autism  | \$348,000 | Q3.S.H                   | Massachusetts General Hospital           |
| Autism Metabolomics and Environment (AIME)   | \$244,232 | Q3.S.H                   | University of California, Los Angeles    |
| Environmental risk factors for autistic behaviors in a cohort study  | \$229,308 | Q3.S.H                   | BRIGHAM AND WOMEN'S HOSPITAL             |
| Is Jaundice in Premature Infants a Risk Factor for Autism?   | \$224,493 | Q3.S.H                   | University of Rochester                  |
| Maternal Depression and Antidepressant Use During Pregnancy and Risk of Childhood Autism Spectrum Disorders in Offspring: Population-Based Cohort and Bidirectional Case-Crossover Sibling Study | \$207,900 | Q3.S.H                   | Boston University                        |
| Childhood Autism and Air Pollution - A Statewide Study   | \$206,175 | Q3.S.H                   | University of California, Los Angeles    |
| Air Pollution and Autism in Denmark  | \$195,216 | Q3.S.H                   | University of California, Los Angeles    |
| Early life vitamin D levels and risk of autism spectrum disorders  | \$177,805 | Q3.S.H                   | DREXEL UNIVERSITY                        |
| Prenatal factors and risk of autism in a Finnish national birth cohort   | \$177,000 | Q3.S.H                   | Columbia University                      |
| Prospective Evaluation of Air Pollution, Cognition, and Autism from Birth Onward   | \$6,676   | Q3.S.H                   | University of Southern California        |
| Prenatal Exposure to Phthalates in a High-Risk ASD Pregnancy Cohort  | \$313,000 | Q3.S.F                   | University of California, Davis          |
| Pesticide Exposure and Childhood Autism  | \$222,763 | Q3.S.F                   | University of California, Los Angeles    |
| Prenatal Antimicrobial Agent Exposure, Fetal Androgens and ASD Risk  | \$273,875 | Q3.S.B                   | DREXEL UNIVERSITY                        |
| Prenatal Timing of Heavy Metal Exposures from Autistic and Non-Autistic Children   | \$194,415 | Q3.S.B                   | UNIVERSITY OF TEXAS HLTH SCIENCE CENTER  |
| Sterols, Neurogenesis and Environmental Agents   | \$353,250 | Q3.Other                 | Vanderbilt University                    |
| Targeting Environment and Neuro-Developmental Risks-<br>2nd Workshop   | \$20,000  | Q3.Other                 | University of California, Davis          |
| Prenatal folic acid and risk for autism spectrum disorders   | \$127,476 | Q3.S.H                   | Emory University                         |